

## SEQUENCE LISTING

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1440 gaagctcaga tcagccagat gtgttcaagt cgtgtatgca gaacagagct tgaagattta

55 gtcaaggttt tgtacctgga gagatctgaa aaggccact gttaggcaag acagacagta  
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1560 ttggataggg taaagcaaga aaactcaaggc tgcagctgga ctgcaggctt atttgctta

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agtcaacagt gccctaaaac tccaaactca aatgcagtca attattcacg ccatgcacag  
1620

5 cataatttgc tcctttgtgt ggagtgggtgt gtcagccctt gaacatctcc tccaaagaga  
1680

ctagaagagt cttaaattat atgtggagg aggaggata gaacatcaca acactgctct  
1740

10 agtttcttgg agaatcacat ttctttacag gttaaagaca aacaagaccc cagggtttt  
1800

atctagaaag ttattcaagt gaaagaaaga gaaggaaatt gcttagtagg agttctgcag  
1860

15 tatagaacaa ttacttgat gaaattatac ctttgaattt tagaatgtca tgtgttcttt  
1920

taaaaaaaatt agctccccat cctccctcct cactccctcc ctccctcctt ctctctctct  
2080

ctctctctcc ctccctctct cacagacaca cacacacaca cacacacaca cacacacacg  
2040

25 cacgtccaca ctcacattaa acgaaagctt tatttgaagc aaagctagcc aagattctac  
2100

gttactttc ctttgactgg atcccaagta gcttggaaagt ttttggccc aggagagtaa  
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30 ataactgtga acaagaggct ctgcccttag gtctttgtgg ctgttaagt caccaacaat  
2220

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2280

35 ataattttc cctaattgata ccactttct tttccccctg tacctatggg acttccagaa  
2340

40 agaagttaaa ttgagtaaaa tcatcagaaa ctgaatccat gtaagaaaaa ataattgttg  
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2460

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cttccgcccc ggtgggagcc ggcgctgcgc gaaggctct cccggcggct catgctgccg  
 180  
 5        gccctgcgcc tgcccagcct cgggtgagcc gcctccggag agacggggga ggcggcggc  
 240  
       gcccgccggct cggcgtgctc tcctccgggg acgcgggacg aagcagcagc cccggcgcg  
 300  
 10      cgccagaggc atggagcgct gccccagcct aggggtcacc ctctacgccc tggtggttgt  
 360  
       cctggggctg cgggcgacac cggccggcgg ccagcactat ctccacatcc gcccggcacc  
 420  
 15      cagcgacaac ctgcccctgg tggacctcat cgaacaccca gaccctatct ttgaccccaa  
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 780  
       gctgtacgca tggAACGACC tggcagccg ctttggccg cgctacgtga aggtggcag  
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45 Cys

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<220>
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Cys Xaa Cys

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      1           5           10          15

40
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45 Cys Xaa Cys
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<220>
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60 <400> 16
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5